

FIG. 1
PRIOR ART

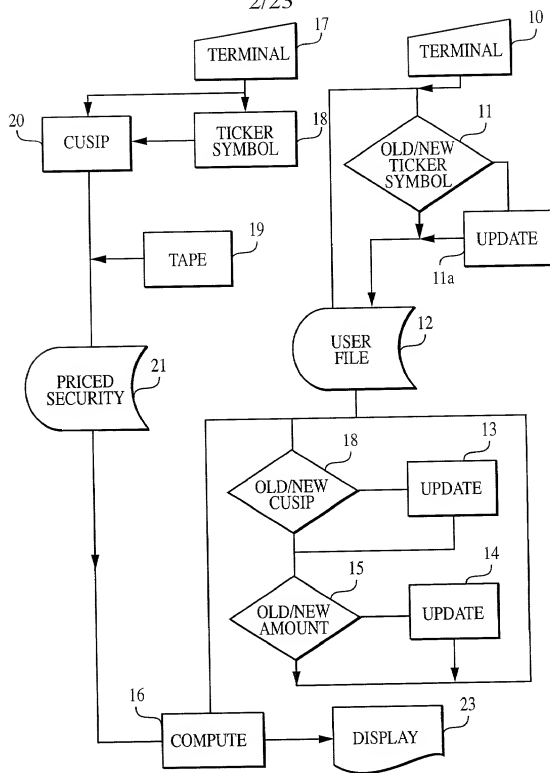


FIG. 2
PRIOR ART

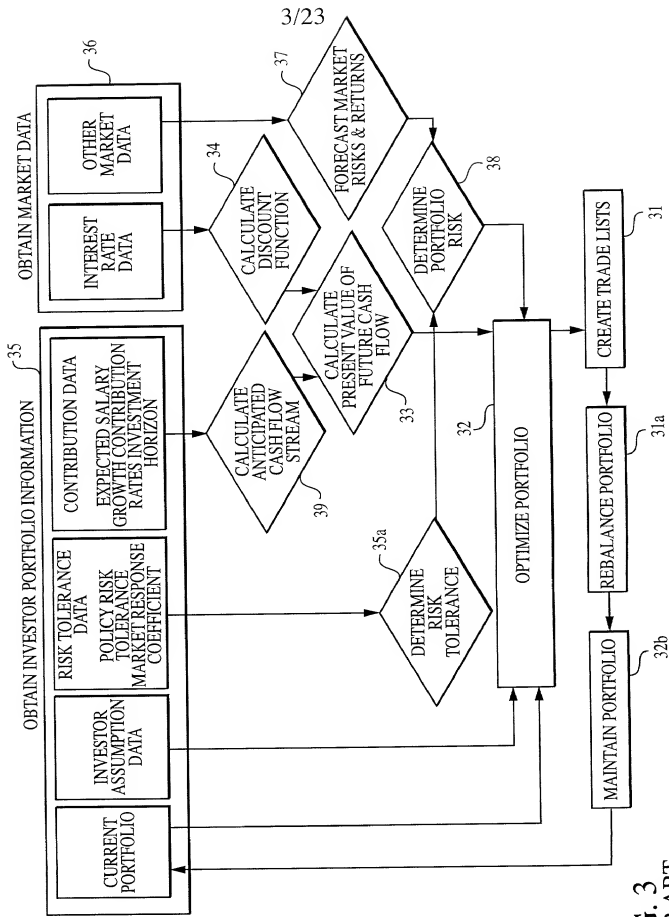


FIG. 3
PRIOR ART

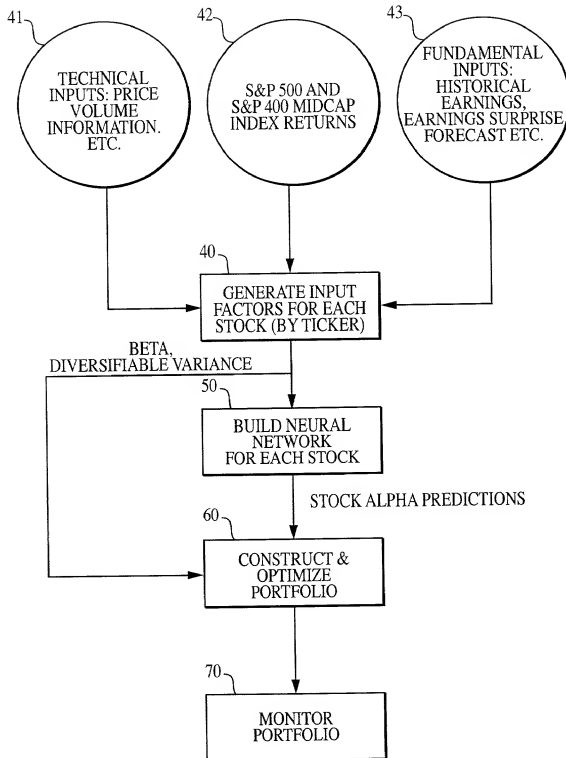


FIG. 4
PRIOR ART

PORTFOLIO MONITORING				FINANCIAL ENGINEERING FOR THE 21ST CENTURY				FIRST CALL THOMSON FINANCIAL			
INSIDER		demo		PORTFOLIO MONITORING		IDEA GENERATION		CLIENT OPTIONS		QUICK TOUR	
Portfolio		demo		Daily Analyst Sentiment				Earnings Calendar Dow 30			
<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>		<div> <div> </div> <div> <input type="checkbox"/> 23% Positive <input type="checkbox"/> 27% Negative <input type="checkbox"/> 43% Neutral <input type="checkbox"/> 7% No Revisions </div> </div>		<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>				<div> <div> </div> <div> <input type="checkbox"/> 23% Positive <input type="checkbox"/> 27% Negative <input type="checkbox"/> 43% Neutral <input type="checkbox"/> 7% No Revisions </div> </div>			
<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>		<div> <div> </div> <div> <input type="checkbox"/> 23% Positive <input type="checkbox"/> 27% Negative <input type="checkbox"/> 43% Neutral <input type="checkbox"/> 7% No Revisions </div> </div>		<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>				<div> <div> </div> <div> <input type="checkbox"/> 23% Positive <input type="checkbox"/> 27% Negative <input type="checkbox"/> 43% Neutral <input type="checkbox"/> 7% No Revisions </div> </div>			
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<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>		<div> <div> </div> <div> <input type="checkbox"/> 23% Positive <input type="checkbox"/> 27% Negative <input type="checkbox"/> 43% Neutral <input type="checkbox"/> 7% No Revisions </div> </div>		<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>				<div> <div> </div> <div> <input type="checkbox"/> 23% Positive <input type="checkbox"/> 27% Negative <input type="checkbox"/> 43% Neutral <input type="checkbox"/> 7% No Revisions </div> </div>			
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<div> <div> </div> <div> <input type="checkbox"/> 0% Positive <input type="checkbox"/> 60% Negative <input type="checkbox"/> 23% Neutral <input type="checkbox"/> 17% No Trading </div> </div>		<div> <div> </div> <div> </div></div>									

-510

[illegible]

FIG. 5b

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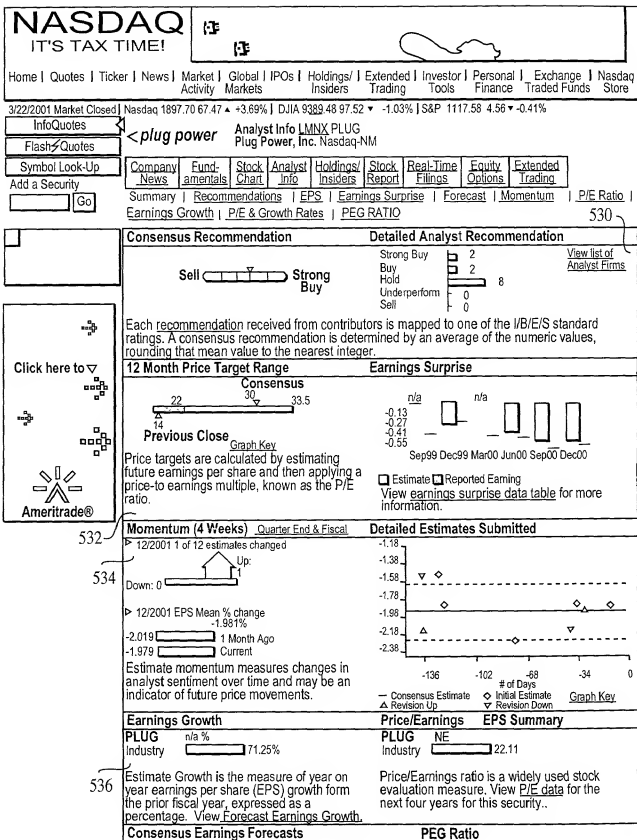





FIG. 5c

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2000A	2001	2002
		
-1.88	-1.98/12	-1.75/9

Insufficient information to display
the graph for this symbol.

The actual reported earnings per share for 12/2000
for PLUG was -1.88. For the fiscal
year 12/2001, the consensus mean EPS is -1.98,
derived from a total of 12 estimates.

[View annual and quarterly consensus data.](#)

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Source: [Thomson Financial I/B/E/S](#) Updated Daily.

NASDAQ

FIG. 5d

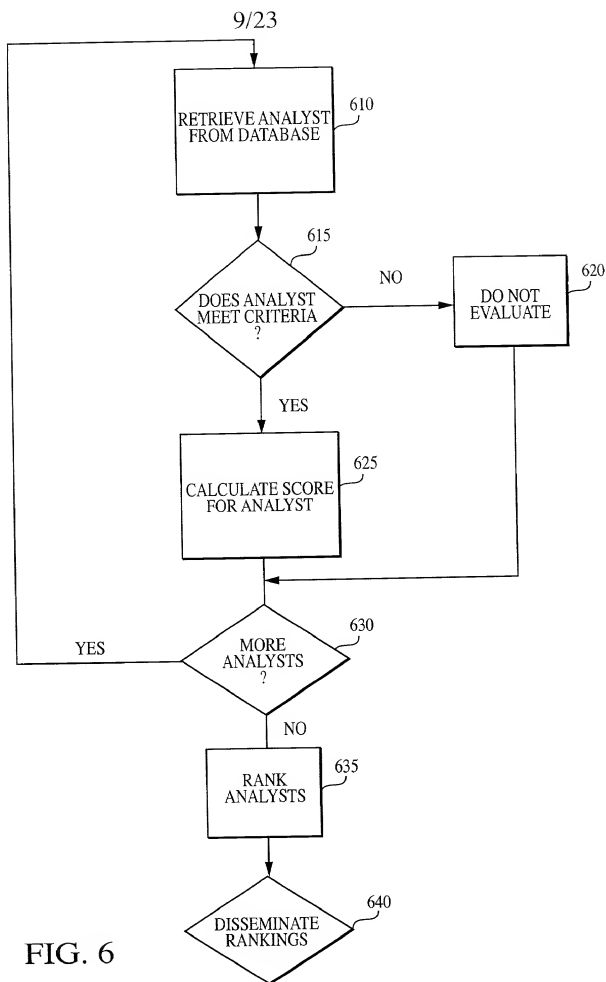


FIG. 6

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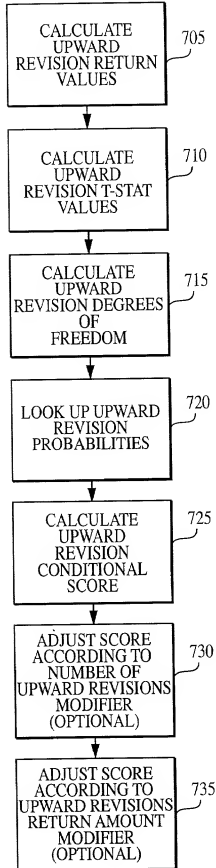


FIG. 7

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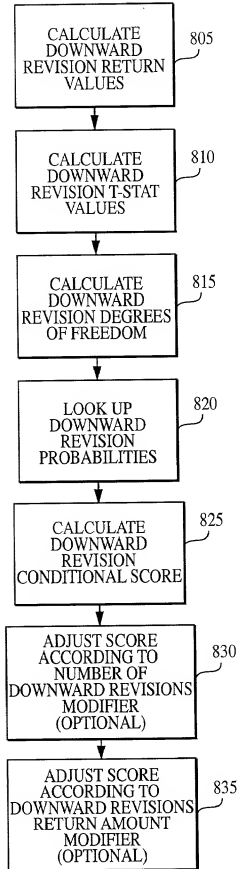


FIG. 8

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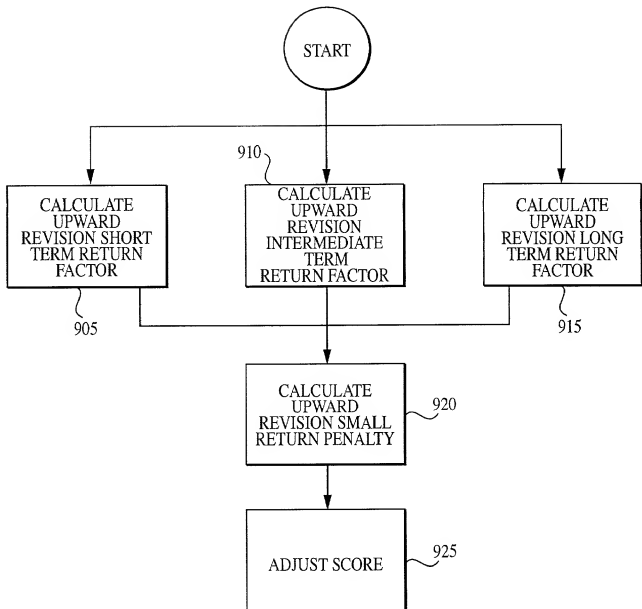


FIG. 9

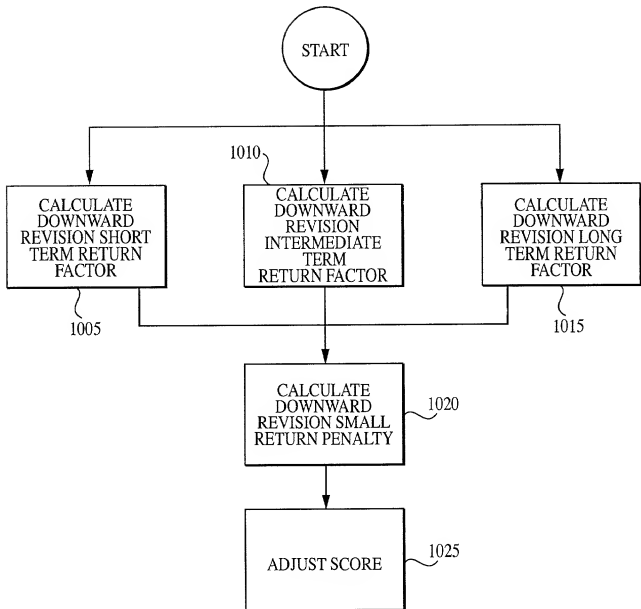


FIG. 10

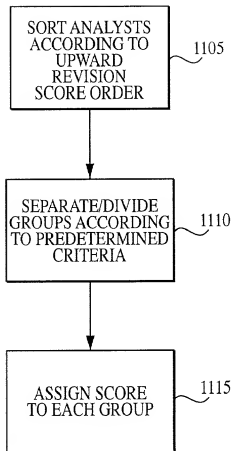


FIG. 11

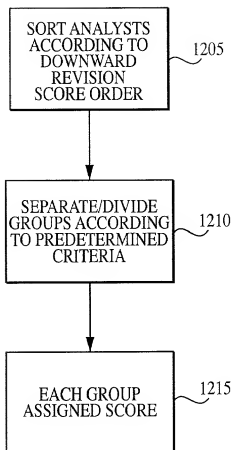


FIG. 12

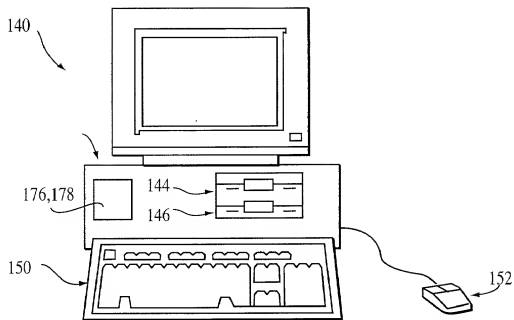


FIG. 13

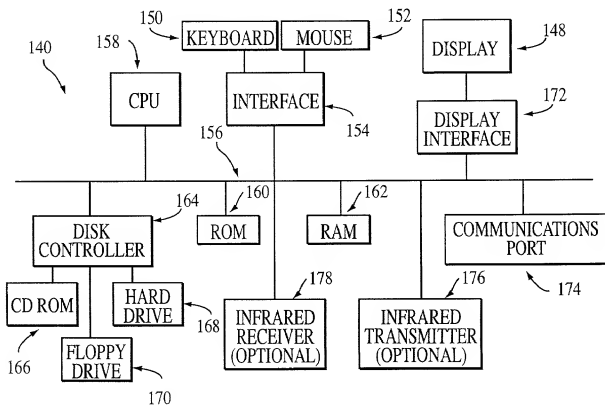


FIG. 14

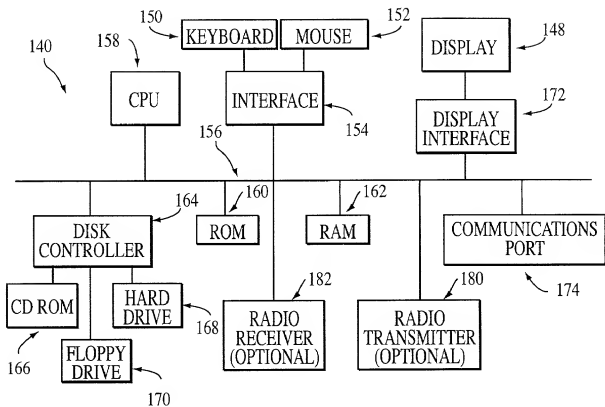


FIG. 15

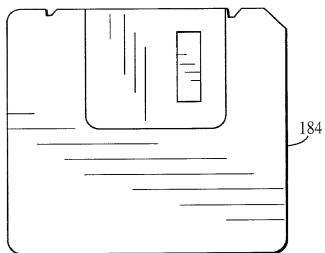


FIG. 16

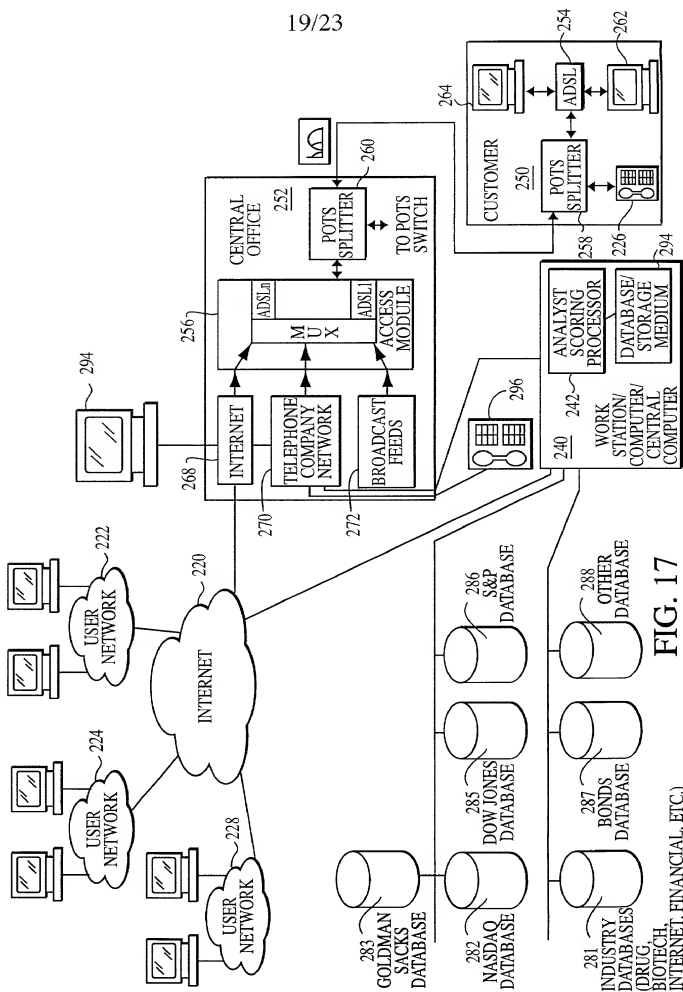


FIG. 17

IBM	IBM	J SMITH	PASU	PASD	avg_1_week_ret_up	avg_1_month_ret_up	avg_3_month_ret_up
			99	71	0.034899566	0.090886384	0.117523476
IBM	IBM	L SMITH	92	61	0.015673233	0.138761967	0.228434235
IBM	IBM	H SMITH	80	80	0.003553083	0.025101786	0.063786447
IBM	IBM	I SMITH	73	40	0.051533949	-0.003668944	0.140866771
IBM	IBM	D SMITH	72	13	-0.004881856	0.096308127	0.121678516
IBM	IBM	O SMITH	69	16	0.008708663	-0.009696909	0.130696982

PASU = PROVEN ANALYST SCORE UP

PASD = PROVEN ANALYST SCORE DOWN

FIG. 18a

avg_1_week_ret_down	avg_1_month_ret_down	avg_3_month_ret_down	sd_1_week_up	sd_1_month_up	sd_3_month_up
-0.002522911	-0.041396424	-0.007745342	0.059827294	0.120845422	0.119219318
-0.047319114	-0.032607917	0.032090358	0.005992425	0.006019168	0.025150739
-0.006521728	-0.013781323	-0.009922532	0.040382113	0.074623019	0.141585141
-0.000147587	0.054049157	0.033326894	0.025394157	0.052356202	0.083870798
0.053901546	0.103812635	0.130158335	0.034487598	0.058855474	0.032466203
0.010676419	0.025612677	0.159289882	0.026967889	0.086870186	0.1662893

FIG. 18b

sd_1_week_down	sd_1_month_down	sd_3_month_down	num_1_week_rev_up	num_1_month_rev_up	num_3_month_rev_up
0.016802499	0.033487085	0.087888792	11	11	11
0.058471531	0.026412129	0.150686339	2	2	2
0.026006684	0.085535757	0.152431682	23	22	22
0.059823409	0.128282651	0.130589873	3	3	3
0.035317507	0.100265294	0.09392596	4	4	4
0.029608766	0.08500158	0.125550747	9	9	9

FIG. 18c

num_1_week_rev_down	num_1_month_rev_down	num_3_month_rev_down	RAWU	RAWD
5	5	5	90.63125424	54.98876132
2	2	2	83.82913296	41.15271567
28	28	27	74.13946079	65.93335914
9	9	8	67.71210562	11.56466167
4	4	4	67.48069929	-24.66616455
15	15	15	64.47702929	-19.92557515

FIG. 18d